



Bachelor of Science (Honours) in Surveying

測量學 (榮譽) 理學士

YEAR **1** ENTRY
SSSDP JUPAS
CATALOGUE NO.
JSSV06

YEAR **3** ENTRY
SSSDP (FULL-TIME)
DS145107

PROGRAMME HIGHLIGHTS

- An integrated programme with specialisations to prepare students to become building surveyors, general practice surveyors, planning & development surveyors, property & facility management surveyors or quantity surveyors.
- Instils professional surveying knowledge, emphasising the application of theoretical knowledge, practical skills, and digital technology in practice.

Programme Overview

This programme covers the core surveying areas of construction technology, management, law and economics, as well as the areas of planning, property development, construction, and occupancy phases of the building life cycle. It also emphasises general education and work-integrated learning.

The programme provides a choice of two multiple specialisations to enhance professional expertise and employability:

- (1) Building Surveying, General Practice and Planning & Development (BS, GP & PD) stream;
- (2) Quantity Surveying and Property & Facility Management (QS & PFM) stream.

Career Outcome

Public Organisations

- Architectural Services Department
- Buildings Department
- Housing Department
- Lands Department
- Rating and Valuation Department

Private Organisations

- International and local professional surveying consultancy firms
- Property developers
- Building and civil engineering contractors
- Property investment and asset management firms
- Property management companies

Professional Recognition

The programme is fully accredited by the Hong Kong Institute of Surveyors (HKIS), Hong Kong Institute of Construction Managers (HKICM), the Hong Kong Institute of Facility Management (HKIFM) and the Chartered Institute of Housing Asian Pacific Branch (CIHAPB).

應用科學
創建未來

APPLYING SCIENCE
EMPOWERING THE FUTURE

Thei

For year-3 online application:
VTC Web-based Admissions System
www.vtc.edu.hk/admission



This programme is recognised under the QF (Level 5)
QR Registration No.: 14/003073/L5
Registration Validity Period: 01/09/2014 to 31/08/2028



Industry Endorsement

"THEi BSc (Hons) in Surveying programme is tailored to the needs of employers, including property developers, consultancy firms and contractors. The studio projects are based on real life market practice and the Work-Integrated Learning further enriches THEi graduates."

Sr Dr WONG Tsz Choi

Executive Director
Albert So Surveyors Limited



Graduate Endorsement

"The Surveying programme of THEi provided me with comprehensive learning experiences. Talks from the industry and site visits were frequently organised whilst studio projects encouraged us to discover and learn more beyond regular teaching. We were motivated and given opportunities to learn new technologies such as unmanned aerial vehicles (UAV). I had the opportunities to work as an intern both in a government department and a private firm. The programme provided excellent industry exposure to students and better equipped ourselves for our professional career in the future."

LEUNG Yan Chi, Calvin

2019 Graduate

PROGRAMME STRUCTURE

YEAR 1

- Introduction to Law
- Introduction to Construction Technology
- Building Science
- Facility Management
- Building Measurement & Documentation
- Computer Aided Drafting & Building Information Modeling
- Architectural Design & Technology
- Property Asset Management
- English for Academic Studies 1
- Chinese 1
- Creativity & Innovation in Society

YEAR 2

- Sustainable Building Design & Structures
- Development Control
- Land & Real Estate Economics
- Surveying Studio 1
- Building Procurement & Contract Administration
- Tall Building Construction
- Building Services
- General Education Elective Module 1
- A.I. and Blockchain in Society Work
- Entrepreneurial Mindset
- Programme Elective Module 1

YEAR 3

Common Modules

- Land Law & Conveyancing Law
- Graduation Project 1: Research Proposal
- Surveying Studio 2
- English for Academic Studies 2
- General Education Elective Module 2
- English for Professional Purposes
- Work-integrated Learning

BS, GP & PD stream

- Real Estate Investment & Finance
- Construction Management
- Advanced Valuation & Property Principles
- Planning & Land Use Analysis
- Programme Elective Module 2

QS & PFM stream

- Property Management Practice
- Construction Cost & Economics
- Engineering Contracts & Risk Management
- Accounting & Financial Control for Property & Facility Management
- Programme Elective Module 2: Dispute Resolution#

YEAR 4

Common Modules

- Project Management
- Building Control, Maintenance & Improvement
- Surveying Studio 3
- Graduation Project 2: Thesis Report
- Chinese 2
- General Education Elective Module 3
- General Education Elective Module 4

BS, GP & PD stream

- Real Estate Portfolio Management
- Conversion & Adaptation of Buildings
- Programme Elective Module 3

QS & PFM stream

- Advanced Measurement & Estimating
- Complex Property Management
- Programme Elective Module 3: Advanced Contract Administration#

PROGRAMME ELECTIVES MODULES*

- Advanced Contract Administration#
- Advanced Technology in Landscape Design
- BIM for Cost and Facility Management
- BIM Visualisation & 3D Modelling
- Design Management
- Design of Environmental & Sustainable Facilities
- Dispute Resolution#
- Engineering Surveying^
- Environmental Impact Assessment
- Habitat Creation
- Introduction to Environmental Economics^
- Principles of Project Finance
- Renovation, Refurbishment & Conservation
- Site Remediation & Landfill Design
- Sustainability in the Built Environment
- Technology Integration for Facility Management
- Urban Planning & Design

Programme
Information



* More elective modules may be offered. Modules offered are subject to change. # Compulsory for students who wish to pursue the QS APC. ^ For HD Exit Only